

FORM PTO-1449 U.S. Department of Commerce  
(Rev. 4/92) Patent and Trademark Office

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.

503.30414V17

SERIAL NO.

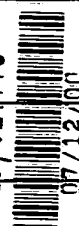
APPLICANT  
KATO, et al.

FILING DATE  
July 12, 2000

GROUP

3749

1c490 U.S. PTO  
09/614770



## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SMG	3 6 5 2 4 4 4	2-72	Lester, et al.			
SMG	3 9 8 1 7 9 1	9-76	Rosvold			
SMG	4 2 2 6 8 9 7	10-80	Coleman			
SMG	4 3 1 1 4 2 7	1-82	Coad, et al.			
SMG	4 3 1 3 8 1 5	2-82	Graves, Jr. et al.			
SMG	4 4 4 9 8 8 5	5-84	Hertel, et al.			
SMG	4 4 5 7 6 6 1	7-84	Flint, et al.			
SMG	4 5 3 4 3 1 4	8-85	Ackley			
SMG	4 5 6 3 2 4 0	1-86	Shibata, et al.			
SMG	4 6 3 4 3 3 1	1-87	Hertel			
SMG	4 7 0 5 9 5 1	11-87	Layman, et al.			

## FOREIGN PATENT DOCUMENTS

Abstract/

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO
SMG	6 2 8 9 8 8 1	4-87	Japan		X	
SMG	6 2 2 0 7 8 6 6	9-87	Japan		X	
SMG	1 3 1 9 7 0	2-89	Japan		X	
SMG	1 3 1 9 7 1	2-89	Japan		X	
SMG	6 3 6 5 8 2	1-89	Japan		X	
SMG	1 1 3 5 0 1 5	5-89	Japan		X	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

SMG	R.P.H. Chang, "Multipurpose plasma reactor for materials research and processing", J. Vac. Sci. Technol., Vol. 14, No. 1, Jan./Feb. 1977, pages 278-280.
SMG	Semiconductor Equipment Association of Japan, "Terminological Dictionary of Semiconductor Equipment", front, table, page 183, back, November 20, 1987.
SMG	Semiconductor Equipment Association of Japan, "Semiconductor News", Vol. 4, pp. 38-43, April 10, 1987 (w/translation)

EXAMINER

Steve Shavini

DATE CONSIDERED

10-12-00

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APPLICANT <b>KATO, et al.</b>		
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**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>SMG</i>	4 7 1 5 7 6 4	12-87	Hutchinson	<del>—</del>		
<i>SMG</i>	4 8 5 1 1 0 1	7-89	Hutchinson	<del>—</del>		
<i>SMG</i>	4 8 3 6 7 3 3	6-89	Hertel, et al.	<del>—</del>		
<i>SMG</i>	4 8 3 6 9 0 5	6-89	Davis, et al.	<del>—</del>		
<i>SMG</i>	4 8 9 5 1 0 7	1-90	Yano, et al.	<del>—</del>		
<i>SMG</i>	4 9 0 2 9 3 4	2-90	Miyamura, et al.	<del>—</del>		
<i>SMG</i>	4 9 0 3 9 3 7	2-90	Jakuniec, et al.	<del>—</del>		
<i>SMG</i>	4 9 0 9 6 9 5	3-90	Hurwitt, et al.	<del>—</del>		
<i>SMG</i>	4 9 1 1 5 9 7	3-90	Maydan, et al.	<del>—</del>		
<i>SMG</i>	4 9 1 5 5 6 4	4-90	Error, et al.	<del>—</del>		
<i>SMG</i>	4 9 1 7 5 5 6	4-90	Stark, et al.	<del>—</del>		

**FOREIGN PATENT DOCUMENTS**

Abstract/

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<i>SMG</i>	2 6 5 2 5 2	3-90	Japan	<del>—</del>		X	
<i>SMG</i>	6 4 1 2 0 3 7	1-89	Japan	<del>—</del>		X	
<i>SMG</i>	2 6 1 0 6 4	3-90	Japan	<del>—</del>			X
<i>SMG</i>	1 3 1 0 5 5 3	12-89	Japan	<del>—</del>			X
<i>SMG</i>	1 2 5 1 7 3 4	10-89	Japan	<del>—</del>			X
<i>SMG</i>	6 2 4 4 5 7 1	2-87	Japan	<del>—</del>			X

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**


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SMG	5 0 0 7 9 8 1	4-91	Kawasaki, et al.			
SMG	5 2 9 2 3 9 3	3-94	Maydan, et al.			
SMG	5 4 5 2 1 6 6	9-95	Aylwin, et al.			
SMG	5 5 0 4 0 3 3	4-96	Bajor, et al.			
SMG	5 5 0 4 3 4 7	4-96	Jovanovic, et al.			
SMG	5 5 5 6 7 1 4	9-96	Fukuyama, et al.			
SMG	5 6 5 1 8 5 8	7-97	Lin			
SMG	5 6 7 5 4 6 1	10-97	Aylwin, et al.			
SMG	4 3 1 3 7 8 3	2-82	Davies, et al.			
SMG	4 3 1 8 7 6 7	3-82	Hijkata, et al.			
SMG	4 9 6 9 7 9 0	11-90	Petz, et al.			

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Abstract/

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
		YES	NO											
SMG		6	2	5	0	4	6	3	3-87	Japan				X
SMG		2	1	0	6	0	3	7	4-90	Japan				X
SMG		5	7	2	9	5	7	7	2-82	Japan				X
SMG	6	3	1	5	3	2	7	0	6-88	Japan			X	

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**


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Steve Garini

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KATO, et al.

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**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SMG	4 9 2 4 8 9 0	5-90	Giles, et al.	134	902	
SMG	4 9 3 6 3 2 9	6-90	Michael, et al.	134	902	
SMG	5 0 1 4 2 1 7	5-91	Savage	364	550	
SMG	5 0 0 7 9 8 1	4-91	Kawasaki, et al.			
SMG	4 1 3 8 3 0 6	2-79	Niwa	156	345	
SMG	4 5 7 6 6 9 8	3-86	Gallagher, et al.	204	192	
SMG	5 0 1 4 2 1 7	5-91	Savage	364	498	
SMG	5 3 5 1 4 1 5	10-94	Brooks, et al.	34	389	
SMG	4 6 4 3 6 2 9	2-87	Takahashi, et al.	414	331	
SMG	4 8 2 4 3 0 9	4-89	Takehi, et al.	414	217	
SMG	4 9 5 1 6 0 1	8-90	Maydan, et al.	414	217X	

**FOREIGN PATENT DOCUMENTS**

Abstract/

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
SMG	2 0 3 8 1 3 3 8	5-90	Europe				
SMG	6 4 1 2 0 3 7	1-89	Japan				
SMG	4 3 0 5 4 9	4-92	Japan				
SMG	8 7 0 7 3 0 9	5-87	PCT Int'l Appl.				
SMG	2 9 4 6 4 7	4-90	Japan				
SMG	6 0 2 4 6 6 3 5	12-85	Japan				

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**


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Steve Gravin

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**U.S. PATENT DOCUMENTS**

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[illegible]

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Steve Garami

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